

## ABSTRACT OF THE DISCLOSURE

A halftone dot threshold data rewriting unit reads  
halftone dot threshold data corresponding to the output  
5 resolution of a printed image generating apparatus which has  
been set by an output resolution setting unit, from a  
halftone dot threshold data storage unit, rewrites the read  
halftone dot threshold data into halftone dot threshold data  
10 corresponding to the output resolution of a proof image  
generating apparatus, and supplies the rewritten halftone  
dot threshold data to a binary image generator. The binary  
image generator compares continuous tone image data with the  
halftone dot threshold data, generates binary image data,  
and supplies the generated binary image data to an exposure  
15 recorder, which generates a proof image corresponding to the  
output resolution of the printed image generating apparatus.